BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item No. 44	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work . (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 45	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work . (HEADROOM) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 46	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X400X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND & BASEMENT FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 47	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X400X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 48	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X400X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 49	Providing and constructing load bearing wall with precast solid concrete blocks of size 400X400X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work (HEADROOM) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 50	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (HEADROOM) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (GROUND & BASEMENT FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and conditions are as per Tender Document								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Item Not Operated								
	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work (HEADROOM) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specification and as per the directions of the Engineer-in-charge of the work (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specification and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specification and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work . -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification and as per the directions of the Engineer-in-charge of the work . -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Extra over Above for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications and as per the directions of the Engineer-in-charge of the work . -- All terms and conditions are as per Tender Document								
	Item Not Operated								
	Providing and finishing external walls in two coats with waterproof cement paint of approved brand with primer and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client	**Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079**

Estimation Cost **31385567.16**

SL_NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item No. 69	Providing and finishing external walls in two coats with waterproof cement paint of approved brand with primer and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 70	Providing and finishing external walls in two coats with waterproof cement paint of approved brand with primer and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR)								
	Item Not Operated								
Item No. 71	Providing and finishing external walls in two coats with waterproof cement paint of approved brand with primer and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work (HEADROOM) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 72	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete and as per the directions of the Engineer-in-charge of the work . (GROUND & BASEMENT FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 73	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete and as per the directions of the Engineer-in-charge of the work . (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 74	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete and as per the directions of the Engineer-in-charge of the work . (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 75	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specification and as per the directions of the Engineer-in-charge of the work (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 76	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specification and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specification and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and								
Item Not Operated								
Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specification and as per the directions of the Engineer-in-charge of the work (HEADOOM) -- All terms and conditions are as per Tender Document								
Item Not Operated								
Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
Item Not Operated								
Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. and as per the directions of the Engineer-in-charge of the work (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
Item Not Operated								
Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. and as per the directions of the Engineer-in-charge of the work (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
Item Not Operated								
Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
Item Not Operated								
Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work . (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
Item Not Operated								
Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work . (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client: Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item 85	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work .-- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 86	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .-- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 87	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 88	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 89	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 90	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) (HEADROOM) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 91	Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45 wide wooden frame all round door shutters covered with cross bounded wooden sheets (core veneer)hot pressed and fastened on both sides of the door using liquidphenol formaldehyde resin as per IS specifiaction 2202 (part -1) 1991.from manufacturere (factory) complete as per specification and as per the directions of the Engineer-in-charge of the work . 30mm thick both side commercial (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 92	Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45 wide wooden frame all round door shutters covered with cross bounded wooden sheets (core veneer)hot pressed and fastened on both sides of the door using liquidphenol formaldehyde resin as per IS specifiaction 2202 (part -1) 1991.from manufacturere (factory) complete as per specification and as per the directions of the Engineer-in-charge of the work . 30mm thick both side commercial (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								

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NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

SLNO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
93	Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45 wide wooden frame all round door shutters covered with cross bounded wooden sheets (core veneer)hot pressed and fastened on both sides of the door using liquidphenol formaldehyde resin as per IS specifiaction 2202 (part -1) 1991.from manufacturere (factory) complete as per specification and as per the directions of the Engineer-in-charge of the work . 30mm thick both side commercial (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
94	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work . -- All terms and conditions are as per Tender Document								
	Item Not Operated								
95	Providing and applying water proofing to roof slab ,terraces landscape area, podium etc.. Using modified polyurethane cures (confirming to ASTM C B836-84) to give a tough elastomeric water proof membrane on the surface. the surface shall be cleaned free from dust and other particle before usage. standards and methodology: This compound has a medium viscocity grade with 620% of elongation and shall be done either by roller application /brush application/spray. this will be applied for a thickness of 1.3 mm first layer 0.5mm and 2nd layer 0.8mm. after applying the 2nd layer sand sprinkle shall be done to provide mechanical key as per the directions of the Engineer-in-charge of the work -- All terms and conditions are as per Tender Document								
	Item Not Operated								
96	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality and as per the directions of the Engineer-in-charge of the work . (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
97	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality and as per the directions of the Engineer-in-charge of the work . (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

SL NO	Description of Item.	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item No. 98	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality and as per the directions of the Engineer-in-charge of the work . (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 99	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 100	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work . (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 101	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work . (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 102	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND FLOOR & BASEMENT FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item No. 103	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work . (FIRST FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079

Estimation Cost 31385567.16

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item 104	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work . (SECOND FLOOR) -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 105	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification and as per the directions of the Engineer-in-charge of the work -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 106	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work . -- All terms and conditions are as per Tender Document								
	Item Not Operated								
Item 107	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. ---- All terms and conditions are as per Tender Document								
		Cum	h ((Item no.1- item no.6)+E1+ ((Excavated earth - filling available Earth)+lowering and levelling earth)				**4309.15**		
							Total Executed Quantity	**4309.15**		
							Tender Quantity	**475.92**		
							Quantity Upto 125%	**594.90**	**86.00**	**51161.4**
							Quantity Above 125%	**3714.25**	**86.72**	**322084.0663**
Item 108	Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
Item 109	Geophysical investigation of site for sinking borewell for supply drinking water to the habitation either through the hand pump M.W.S or P.W.S.S by vertical electrical sounding by adopting venner or schlumberger's method including reconnaissance survey of geological formation Geophysical investigation of existing ground water infecundity its quality, quantity & acceptability of the user indicating the location of site recommended depth of casting pipe required to seal the top in consolidated formation including an extra depth of 1.00 Mtr in consolidated formation of proper scatting of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation technical personal and labour etc.								
		Each BW					1.00		

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

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Estimation Cost **31385567.16**

Sl.No	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Total Executed Quantity						**1.00**	**2032.00**	**2032**
	Tender Quantity						**1.00**		
Item No.110	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)0.00 to 50.00mtrs								
		Rmtr.					50.00		
	Total Executed Quantity						**50.00**	**340**	**17000**
	Tender Quantity						**50.00**		
Item No.111	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)50.00 to 100.00mtrs								
		Rmtr.					50.00		
	Total Executed Quantity						**50.00**	**445**	**22250**
	Tender Quantity						**50.00**		
Item No.112	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)100.00 to 150.00mtrs								
		Rmtr.					50.00		
	Total Executed Quantity						**50.00**	**494**	**24700**
	Tender Quantity						**50.00**		
Item No.113	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)150.00 to 200.00mtrs								
		Rmtr.					**50.00**		
	Total Executed Quantity						**50.00**	**522**	**26100**
	Tender Quantity						**50.00**		
Item No.114	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)200.00 to 250.00mtrs								
		Rmtr.					**50.00**		
	Total Executed Quantity						**50.00**	**604**	**30200**
	Tender Quantity						**50.00**		
Item No.115	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)250.00 to 300.00mtrs								
		Rmtr.					**48.00**		

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Modified Estimation

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Estimation Cost 31385567.16

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Total Executed Quantity						**48.00**	**648**	**31104**
	Tender Quantity						**50.00**		
116	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work ---- All terms and conditions are as per Tender Document								
		Rmtr.					**64.00**		
	Total Executed Quantity						**64.00**	**1431**	**91584**
	Tender Quantity						**70.00**		
117	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work								
	Item Not Operated								
118	Providing and fixing 175mm Borewell Cap with clamp Set H/D,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work ---- All terms and conditions are as per Tender Document								
		Nos.					**1.00**		
	Total Executed Quantity						**1.00**	**108**	**108**
	Tender Quantity						**1.00**		
119	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP 20 stage								
	Item Not Operated								
120	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
121	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
122	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
123	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

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Modified Estimation

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Estimation Cost **31385567.16**

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
124	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
125	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
126	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
127	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
128	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
129	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
130	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
131	Providing and fixing in position **50mm** nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
132	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
133	SSupplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
134	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

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Estimation Cost | **31385567.16**

SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
	Earthwork excavation for pipeline foundation including deporiting or bank up to a depth of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC								
	Item Not Operated								
	Refilling the bumont and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrswith all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work								
	Item Not Operated								
	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick(including audio system)								
	Item Not Operated								
	25mm dia 2mm thick								
	Item Not Operated								
	32mm dia 2.5mm thick								
	Item Not Operated								
	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall								
	Item Not Operated								
	upto 50mm conduit CC floor								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

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Estimation Cost | **31385567.16**

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
No.146	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm …. etc. as required. 25mm								
	Item Not Operated								
No.147	32mm								
	Item Not Operated								
No.148	Supplying PVC/GI flexible conduit pipe…mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely 25mm								
	Item Not Operated								
No.149	Supplying And Fixing Metal Fan Box with Round Hook.								
	Item Not Operated								
No.150	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch box								
	Item Not Operated								
No.151	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box								
	Item Not Operated								
No.152	Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box								
	Item Not Operated								
No.153	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches								
	Item Not Operated								
No.154	Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box								
	Item Not Operated								
No.155	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm								
	Item Not Operated								
No.156	2.5 sqmm								
	Item Not Operated								
No.157	4 sqmm								
	Item Not Operated								
No.158	6 sqmm								
	Item Not Operated								

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SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item No.159	10 sqmm								
	Item Not Operated								
Item No.160	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way								
	Item Not Operated								
Item No.161	6Way								
	Item Not Operated								
Item No.162	8Way								
	Item Not Operated								
Item No.163	10-12Way								
	Item Not Operated								
Item No.164	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module								
	Item Not Operated								
Item No.165	6 Module								
	Item Not Operated								
Item No.166	8 Module								
	Item Not Operated								
Item No.167	12 Module								
	Item Not Operated								
Item No.168	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way.								
	Item Not Operated								
Item No.169	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps Two way.								
	Item Not Operated								
Item No.170	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A6Amps 3way socket.								
	Item Not Operated								
Item No.171	Stepped Fan Regulator.								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE									
NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division									
Modified Estimation									
Client	Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079								
								Estimation Cost	31385567.16
SL.NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs
Item No.172	16Amps one way switch								
	Item Not Operated								
Item No.173	6/16Amps universal socket								
	Item Not Operated								
Item No.174	TV/Telephone socket								
	Item Not Operated								
Item No.175	RJ45/ I.O. outlet								
	Item Not Operated								
Item No.176	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.								
	Item Not Operated								
Item No.177	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 15Watts 230V CFL lamp.								
	Item Not Operated								
Item No.178	Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply.								
	Item Not Operated								
Item No.179	LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts								
	Item Not Operated								
Item No.180	Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition.								
	Item Not Operated								
Item No.181	Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition.								
	Item Not Operated								
Item No.182	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 100Amps								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

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Modified Estimation

Client	**Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079**

								Estimation Cost	**31385567.16**
SL NO	**Description of Item**	**Unit**	**No**	**Length**	**Breadth**	**Depth**	**Quantity**	**Rate**	**Amount**
				(m)	**(m)**	**(m)**		**Rs**	**Rs**
Item No.183	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. 100-125Amps								
	Item Not Operated								
Item No.184	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 125-160Amps 25kA.								
	Item Not Operated								
Item No.185	Supplying and fixing of Shunt trip suitable for MCCB.CBCT.								
	Item Not Operated								
Item No.186	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps SP								
	Item Not Operated								
Item No.187	40-63Amps DP								
	Item Not Operated								
Item No.188	40-63Amps TPN								
	Item Not Operated								
Item No.189	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 12Way SP &N								
	Item Not Operated								
Item No.190	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.III - Double Door 4Way TP &N								
	Item Not Operated								
Item No.191	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. 32-40 Amps 2 pole								
	Item Not Operated								
Item No.192	32-40 Amps 4 pole								
	Item Not Operated								
Item No.193	63 Amps 4 pole								
	Item Not Operated								
Item No.194	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/manual reset facility suitable to mount on DIN rail/ flush mounting on panel board.								
	Item Not Operated								

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Modified Estimation

Client	**Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079**

								Estimation Cost	**31385567.16**
SL. NO	**Description of Item**	**Unit**	**No**	**Length**	**Breadth**	**Depth**	**Quantity**	**Rate**	**Amount**
				(m)	**(m)**	**(m)**		**Rs**	**Rs**
Item No.195	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.								
	Item Not Operated								
Item No.196	Supplying, fixing and wiring 0 to 100amps Direct Reading AC analog type Ammeter								
	Item Not Operated								
Item No.197	Supplying, fixing and wiring rotary selector switch suitable for Ammeter.								
	Item Not Operated								
Item No.198	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter.								
	Item Not Operated								
Item No.199	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.								
	Item Not Operated								
Item No.200	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.								
	Item Not Operated								
Item No.201	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminum Strips								
	Item Not Operated								
Item No.202	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm								
	Item Not Operated								
Item No.203	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. 14SWG								
	Item Not Operated								
Item No.204	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia								
	Item Not Operated								